



Water-Data Report CA-2005

103087889 4-L CREEK NEAR MARKLEEVILLE, CA

Carson River Basin

LOCATION.--Lat 38°42'39", long 119°39'47" referenced to North American Datum of 1983, in SW ¼ NE ¼ sec.15, T.10 N., R.21 E., Alpine County, Hydrologic Unit 16050201, on left bank, 3.2 mi north of State Highway 89, and 6.5 mi east of Markleeville.

DRAINAGE AREA.--1.14 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,733 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, about 4.4 ft³/s, May 18, 2005, gage height, unknown; no flow on many days in each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, about 4.4 ft³/s, May 18, gage height, unknown; no flow on many days.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.01	0.04	0.07	0.06	0.08	0.29	2.5	0.74	0.11	e0.02	0.00
2	0.00	0.01	0.03	0.06	0.06	0.09	0.29	2.5	0.77	0.10	e0.02	0.00
3	0.00	0.01	0.03	0.06	0.06	0.09	0.30	e2.4	0.51	0.09	e0.02	0.00
4	0.00	0.02	0.04	0.06	0.06	0.10	0.30	e2.5	0.71	0.08	e0.02	0.00
5	0.00	0.01	0.05	0.06	0.07	0.11	0.29	e2.3	0.41	0.08	e0.02	0.01
6	0.00	0.02	0.05	0.06	0.06	0.13	0.29	2.2	0.29	0.07	e0.02	0.00
7	0.00	0.02	0.07	0.08	0.07	0.15	0.22	1.8	0.62	0.06	e0.01	0.00
8	0.00	0.03	0.09	0.09	0.06	0.18	0.26	1.3	0.66	0.06	e0.01	0.00
9	0.00	0.03	0.09	0.08	0.06	0.26	0.27	1.7	0.65	0.05	e0.01	0.01
10	0.00	0.02	0.09	0.08	0.06	0.50	0.25	0.98	0.59	0.04	e0.01	0.01
11	0.00	0.02	0.09	0.07	0.06	e1.0	0.35	1.1	0.46	0.04	e0.01	0.01
12	0.00	0.02	0.11	0.06	0.07	e1.4	0.33	2.0	0.36	0.04	e0.01	0.01
13	0.00	0.02	0.10	0.07	0.07	e1.6	0.31	1.4	0.31	0.03	e0.01	0.01
14	0.00	0.02	0.09	0.07	0.09	0.74	0.29	1.4	0.26	0.03	e0.01	0.01
15	0.00	0.02	0.09	0.07	0.07	0.36	0.28	2.6	0.21	0.02	e0.01	0.01
16	0.00	0.01	0.09	0.08	0.07	0.34	0.31	1.9	0.20	0.02	e0.01	0.01
17	0.00	0.01	0.08	0.08	0.06	0.33	0.27	1.7	0.11	0.02	e0.01	0.01
18	0.00	0.01	0.10	0.08	0.06	0.33	0.50	3.0	0.10	0.02	e0.01	0.01
19	0.00	0.01	0.12	0.08	0.06	0.32	0.73	2.7	0.10	0.02	e0.01	0.01
20	0.01	0.01	0.12	0.09	0.06	0.30	0.69	2.9	0.16	e0.02	e0.01	0.01
21	0.00	0.01	0.11	0.09	0.07	0.32	1.1	1.9	0.16	e0.02	e0.01	0.01
22	0.01	0.01	0.08	0.09	0.07	0.32	1.3	1.2	0.17	e0.02	e0.01	0.01
23	0.01	0.01	0.04	0.08	0.08	0.30	0.79	1.2	0.18	e0.02	e0.01	0.01
24	0.01	0.02	0.04	0.08	0.08	0.30	1.7	1.3	0.20	e0.02	e0.01	0.01
25	0.01	0.02	0.08	0.08	0.08	0.27	2.2	1.1	0.19	e0.02	e0.01	0.01
26	0.01	0.02	0.08	0.09	0.08	0.29	2.3	0.97	0.16	e0.02	0.00	0.02
27	0.01	0.03	0.08	0.08	0.08	0.28	2.3	0.96	0.16	e0.02	0.00	0.02
28	0.01	0.03	0.06	0.08	0.08	0.30	2.1	0.95	0.15	e0.02	0.00	0.02
29	0.01	0.02	0.04	0.07	---	0.31	2.0	0.91	0.12	e0.02	0.00	0.02
30	0.01	0.03	0.06	0.06	---	0.30	2.2	0.90	0.12	e0.02	0.01	0.01
31	0.01	---	0.08	0.06	---	0.29	---	0.78	---	e0.02	0.01	---
Total	0.11	0.53	2.32	2.31	1.91	11.69	24.81	53.05	9.83	1.22	0.33	0.27
Mean	0.00	0.02	0.07	0.07	0.07	0.38	0.83	1.71	0.33	0.04	0.01	0.01
Max	0.01	0.03	0.12	0.09	0.09	1.6	2.3	3.0	0.77	0.11	0.02	0.02
Min	0.00	0.01	0.03	0.06	0.06	0.08	0.22	0.78	0.10	0.02	0.00	0.00
Ac-ft	0.2	1.1	4.6	4.6	3.8	23	49	105	19	2.4	0.7	0.5

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.01	0.03	0.05	0.05	0.05	0.52	0.68	0.90	0.18	0.02	0.01	0.00
Max	0.01	0.03	0.07	0.07	0.07	0.66	0.83	1.71	0.33	0.04	0.01	0.01
(WY)	(2004)	(2004)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
Min	0.00	0.02	0.03	0.03	0.04	0.38	0.54	0.08	0.04	0.01	0.00	0.00
(WY)	(2005)	(2005)	(2004)	(2004)	(2004)	(2005)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)

103087889 4-L CREEK NEAR MARKLEEVILLE, CA—Continued**SUMMARY STATISTICS**

	Calendar Year 2004	Water Year 2005	Water Years 2004 - 2005	
Annual total	45.76	108.38		
Annual mean	0.13	0.30	0.21	
Highest annual mean			0.30	2005
Lowest annual mean			0.12	2004
Highest daily mean	2.0 Mar 20	3.0 May 18	3.0 May 18, 2005	
Lowest daily mean	0.00 Jul 15	0.00 Oct 1	0.00 Oct 1, 2003	
Annual seven-day minimum	0.00 Jul 25	0.00 Oct 1	0.00 Jul 25, 2004	
Maximum peak flow		4.4 May 18	4.4 May 18, 2005	
Maximum peak stage		unknown May 18	unknown May 18, 2005	
Annual runoff (ac-ft)	91	215	152	
10 percent exceeds	0.38	0.99	0.66	
50 percent exceeds	0.03	0.07	0.03	
90 percent exceeds	0.00	0.01	0.00	

